SUMMARY REPORT FOR RESPONSE TO PROVIDE SITE SECURITY AND CHEMICAL CHARACTERIZATION, LAB-PACKING, AND CHEMICAL REMOVAL
LANE PLATING FACILITY

5322 Bonnie View Road
Dallas, Texas

Prepared for:

Texas Commission on Environmental Quality
Office of Compliance and Enforcement
P.O. Box 13087, MC-137
Austin, TX 78711-3087

Prepared by:

SWS Environmental Services
9204 Hwy 287 NW
Fort Worth, Texas 76131

SWS Project No. FW1-511-1482
TCEQ Project No. 2015-004

SWS ENVIRONMENTAL SERVICES

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Emergency Response
Remediation
Field Services
Waste Services

600 Grand Panama Blvd, Suite 200
Panama City Beach, FL 32407
Phone: 850.234.8428
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January 15, 2016

Anthony Buck
Emergency Management Coordinator
Critical Infrastructure Division
Texas Commission on Environmental Quality
12100 Park 35 Circle
Austin, Texas 78711-3087

RE: Summary Report for Providing Site Security, Chemical Characterization and Lab-packing, Removal and Re-packaging of Chemicals and Offsite Disposal of Cyanide Waste, Lane Plating Company Facility, 5322 Bonnie View Road, Dallas, Texas, TCEQ Work Order 2015-004

Dear Mr. Buck:

Pursuant to your request, SWS Environmental Services (SWSES) has prepared this summary of the work conducted by SWS following the recent field work completed at the Lane Plating Facility located at the above referenced address (See Figure 1.0). SWS personnel met with TCEQ representatives at the site on November 19, 2015 to develop a scope of work/workplan to 1)provide site security to prevent unauthorized access to the building, 2) provide haz-cat analysis and chemical characterization of chemicals in the onsite lab and to provide lab pack and re-packaging of select chemicals and 3) remove chromic acid sludge from two sumps at the facility and secure the liquid chromic acid waste in poly totes delivered to the site. At the request of TCEQ, SWSES developed a cost estimate for the work, and prepared a Site Specific Health and Safety Plan prior to mobilizing to the site under TCEQ Work Order No. 2015-004.

Response Summary

On November 19, 2015 following the notice to proceed, SWSES personnel mobilized to the Lane Plating facility and met with TCEQ personnel from the Region 4 office and representatives from the Attorney Generals Office as well as the owner of the facility (Mr. Joe Lane). The purpose of the site inspection walk through was to evaluate the necessary measures to secure the building and to develop a plan to provide haz–cat analysis of unlabeled chemical containers in the onsite laboratory (See Figure 3.0, attached), and evaluate and prioritize which chemicals in the facility posed the highest risk for releases to the environment or to public health and safety. SWSES personnel included Mr. Damon Waresback - Project Manager, Mr. Gary Smith - Response Foreman and Ms. Cindy Bruce - Director of Waste Services. During the site walk, SWSES evaluated the requirements to secure the site from unauthorized access and the personnel and equipment necessary to identify and subsequently secure specific chemicals at the facility. A cost estimate for the work was submitted for review and subsequently SWES was directed to proceed with the workplan.

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Site Security

On November 20, 2015, SWES personnel mobilized to the site and began securing all the doors at the site (walk-through and garage style roll-up doors) by installing bolts and nuts through the guide tracks for the garage style roll-up doors and by welding dead bolts, hasps and padlocks for the walk through doors. All the outside opening doors were secured on this date. On November 23, 2015, SWES personnel returned to the site and began installing metal cattle panels over the first floor windows of the facility. The cattle panels were measured and cut to fit each window and the panels were secured by welding the panels to the metal window frames. The work for securing the site was completed on November 25, 2015.

Haz-Cat Analysis Lab - Pack and Removal/Repackaging of Chemicals

On December 1, 2015, SWES personnel mobilized to the site to stage poly totes for storing chromic acid waste to be removed from the two main sump areas located at the facility. The main sump is located beneath the chrome tank and around the chrome tank in the central part of the facility (See figures 3 & 4). On December 3, 2015, SWSES personnel mobilized to the site to initiate the removal of chromic acid from the two sumps and to conduct the haz-cat identification, lab-pack and over - packing of select chemicals at the site. A Site Entry/Exit Log with all personnel present at this debriefing/Health and Safety Meeting are included with the Site Specific Health and Safety Plan (See Attachment B of this report). Following the safety meeting, SWSES personnel began setting up the poly pump in secondary containment to begin removing the chromic acid liquid from the main large sump area in the central part of the building (see Figure 3.0 and 4.0 attached). The waste was pumped into 300 gallon totes staged adjacent to the sump/chrome tank and at the east loading dock (See site photographs, Attachment A). While the SWSES crew worked at removing the chromic acid liquids, a SWSES chemist began the haz - cat identification of the chemical containers in the lab. Four containers of cyanide materials were identified in the lab including silver cyanide, copper cyanide, sodium cyanide and potassium cyanide. These containers were subsequently lab - packed in 5 gallon buckets and secured and labeled for chemical profiling and off-site disposal (see discussion below). All of the chemical contents in the containers in the lab were identified and labeled for future disposal proceedings. In addition to the lab chemicals, two small drums containing potassium cyanide and sodium cyanide were overpacked in DOT-approved, open-head 55 gallon drums, labeled and secured in a lockable flammables cabinet for subsequent profiling and disposal. The removal of the chromic acid from the main sump and the sump beneath the tank labeled Tank 5 on Figure 3.0 and 4.0 was continued and was completed on December 7, 2016.

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Waste Management

The four containers of cyanide materials lab - packed from the onsite lab were secured along with the two 55 gallon overpacks in the lockable cabinet to await further profiling and disposal proceedings. On December 10, 2015, SWSES personnel met with the facility owner at the site to obtain signatures on the land disposal restriction (LDR) forms, waste profiles and waste manifests. The six (6) containers were profiled and approved for disposal at the Chemical Reclamation Services Facility in Avalon, Texas. On December 18, 2015 SWS transported the six containers of cyanide for disposal at the Chemical Reclamation Services Facility (land disposal restriction (LDR) forms, waste profiles and waste manifests are included in Attachment C of this report).

Should you have any questions regarding this report, please do not hesitate to call me at 817-847-1333.

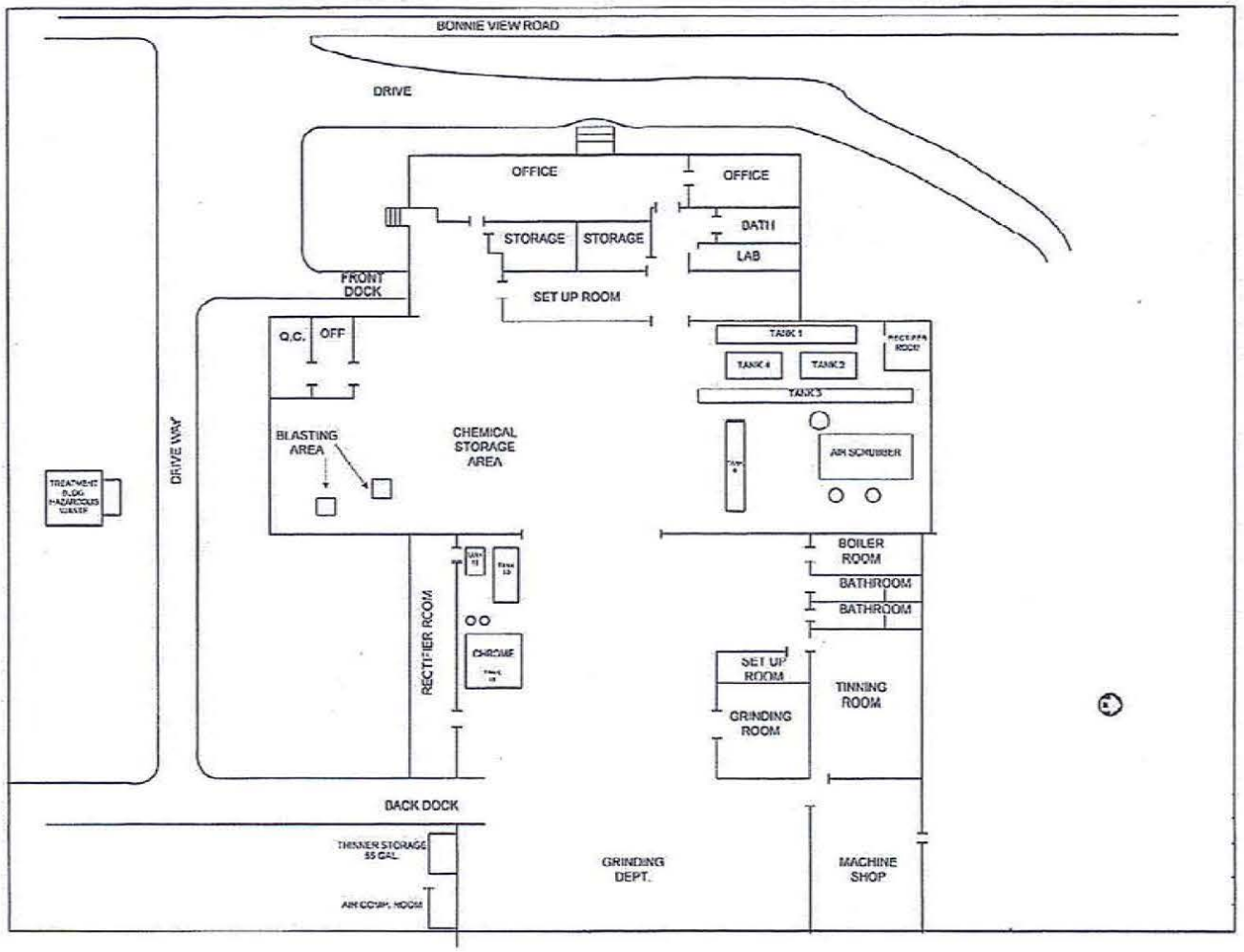
Sincerely,

Damon Waresback, P.G.
Remedial Services Manager
SWS Environmental Services

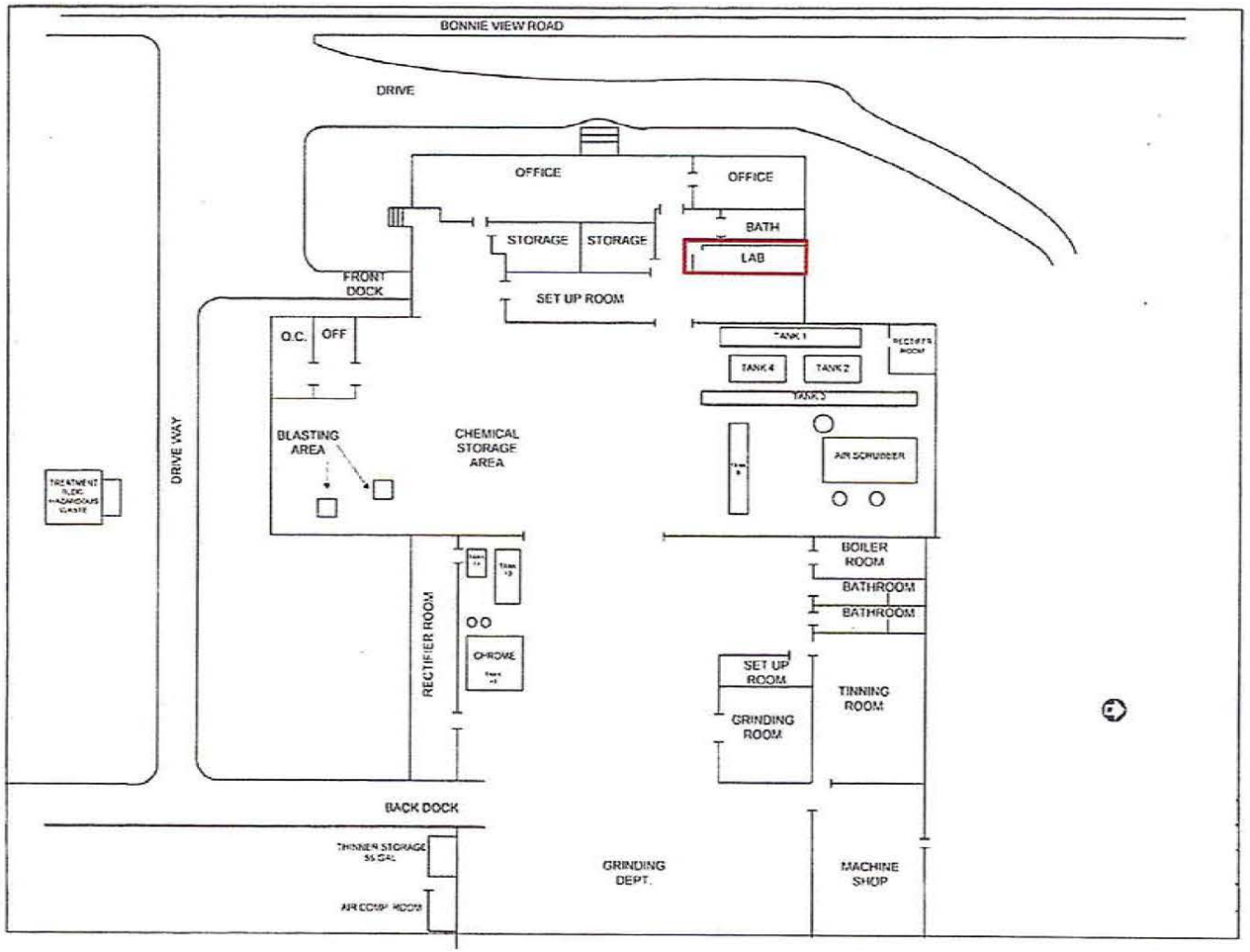
Attachments: Figure 1.0 - Staging Area, Figure 2.0 - Site Map, Figure 3.0 - Building Identification and Locations, Site Photographs; Work Plan; Site Specific Health and Safety Plan with Site Login Sheet; Sampling Plan; Copy of Waste Manifest

SWS ENVIRONMENTAL SERVICES 9204 Hwy 287 NW Fort Worth, TX 76131	Date: 1/15/2016 Project No. FW1-511-1482	Figure 1 Vicinity Map Lane Plating, Works Inc. 5322 Bonnie View Road Dallas, TX	N

SWS ENVIRONMENTAL SERVICES 9204 Hwy 287 NW Fort Worth, TX 76131	Date: 1/15/2016 Project No. FW1-511-1482	Figure 2 Aerial Site Map Lane Plating, Works Inc. 5322 Bonnie View Road Dallas, TX	N



SWS ENVIRONMENTAL SERVICES 9204 Hwy 287 NW Fort Worth, TX 76131	Date: 1/15/2016 Project No. FW1-511-1482	Figure 3 Facility Layout Map Lane Plating, Works Inc. 5322 Bonnie View Road Dallas, TX



SWS ENVIRONMENTAL SERVICES
9204 Hwy 287 NW
Fort Worth, TX 76131

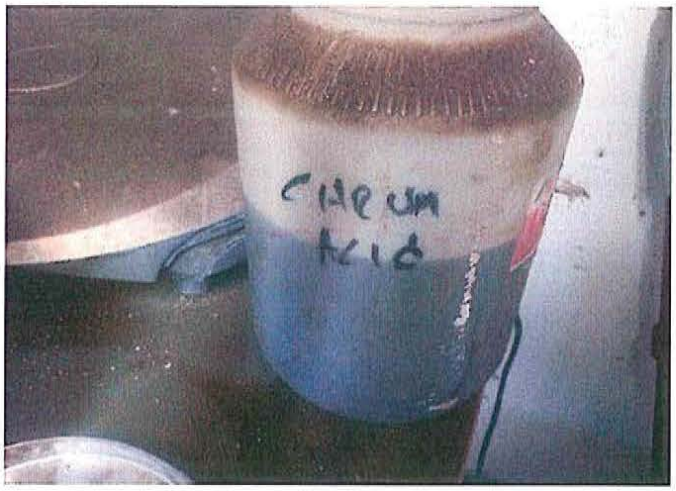
Date: 1/15/2016

Project No. FW1-511-1482

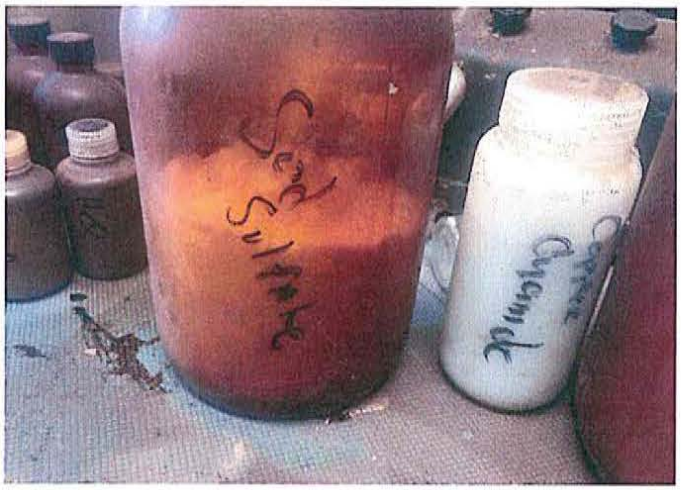
Figure 4
Site Map – Lab Location
Lane Plating, Works Inc.
5322 Bonnie View Road
Dallas, TX

ATTACHMENT A
PHOTOGRAPHIC DOCUMENTATION

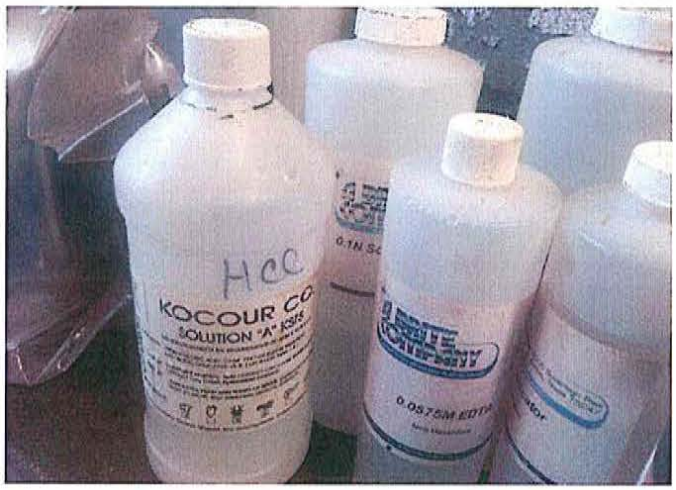
1. View of Lane Plating Facility Lab and chemicals prior to Haz-Cat Identification and Labeling.



2. View of container of chromic acid labeled after identification.

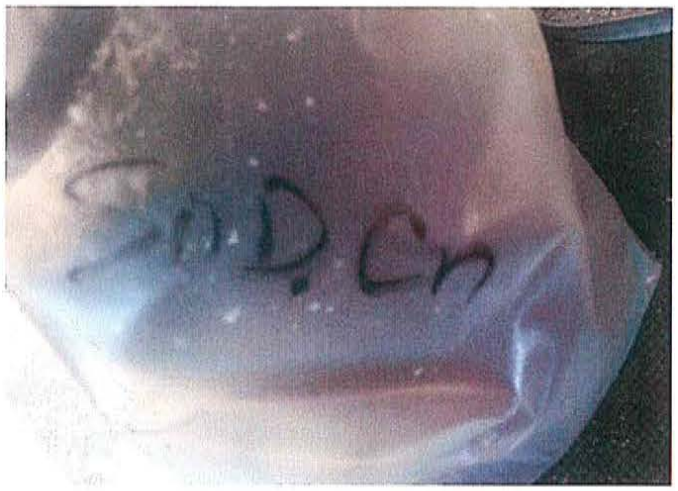


3. View of containers following identification/labeling in Lane Plating Lab.

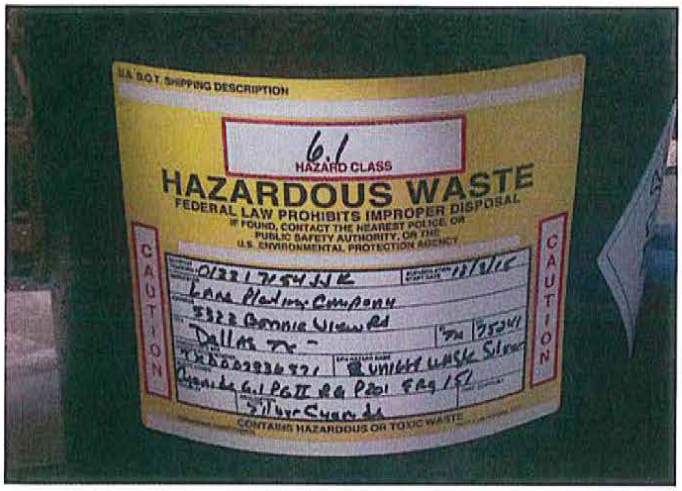


4. View of containers following identification/labeling in Lane Plating Lab.

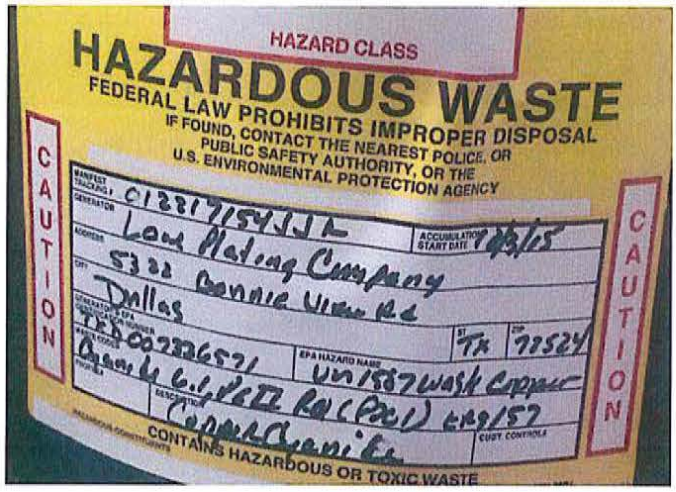
5. View of containers following identification/labeling in Lane Plating Lab.



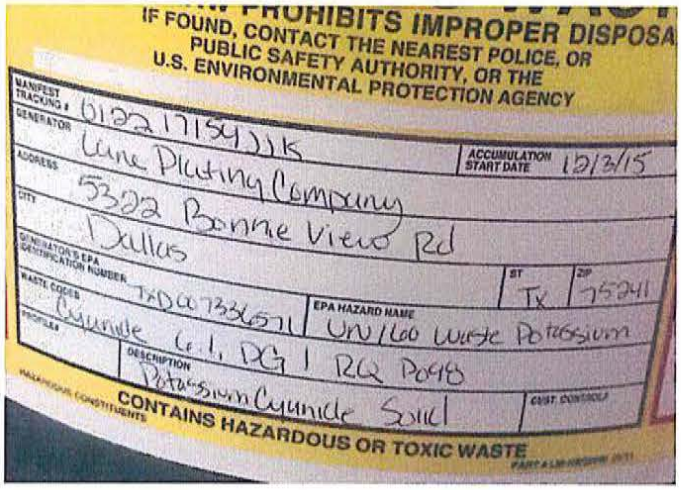
6. Container of sodium cyanide following identification and prior to lab-packing.



7. View of label on lab-pack of silver cyanide from Lane Plating Facility Lab.



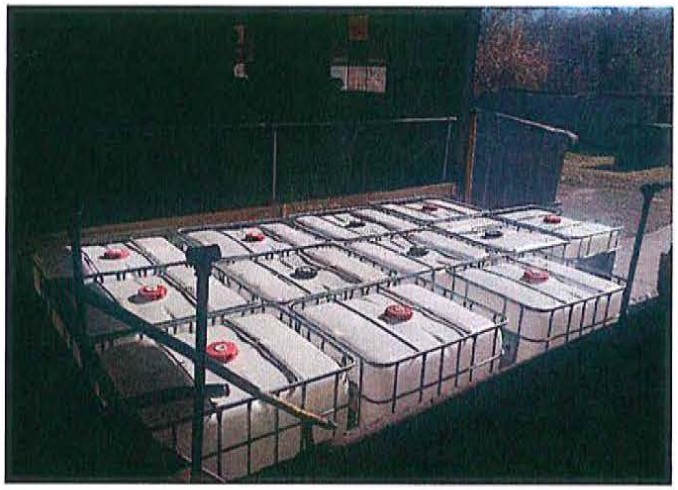
8. View of label on lab-pack of copper cyanide from Lane Plating Facility Lab.



9. View of label on lab-pack of potassium cyanide from Lane Plating Facility Lab.

10. View of lab-packed cyanide waste prior to securing in lockable cabinet.

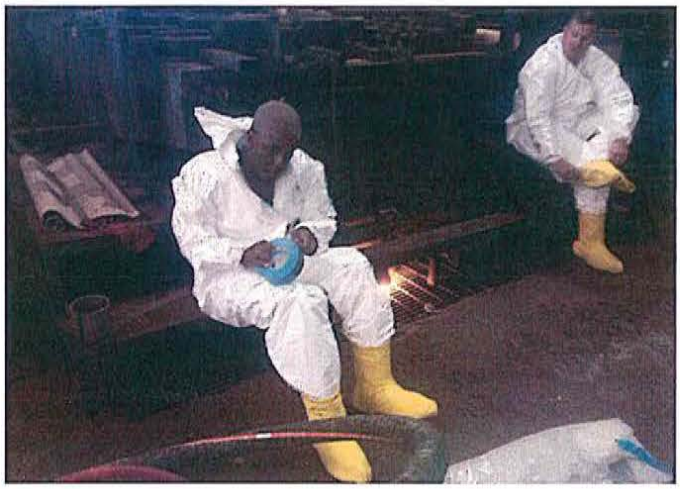
11. View of lab-packed and overpacked containers of cyanide waste secured in cabinet of Lane Plating Facility.



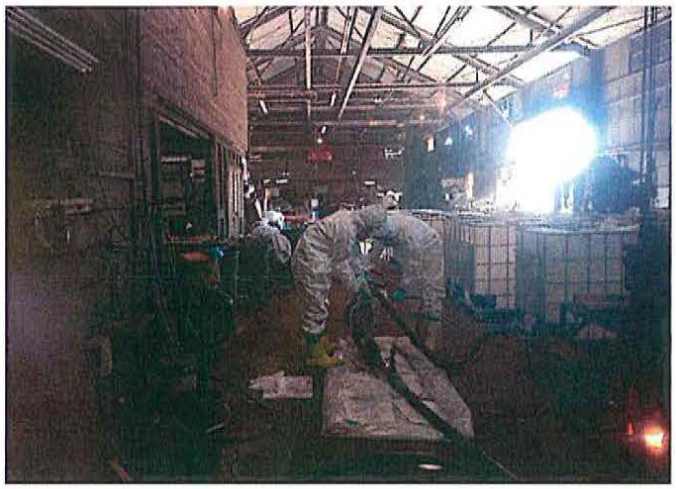
12. View of totes used to store chromic acid waste pumped from sumps at Lane Plating Facility.

13. View of poly-pump and secondary containment prior to pumping chromic acid waste from sumps.

14. Close-up of poly pump used to remove chromic acid waste from sumps.

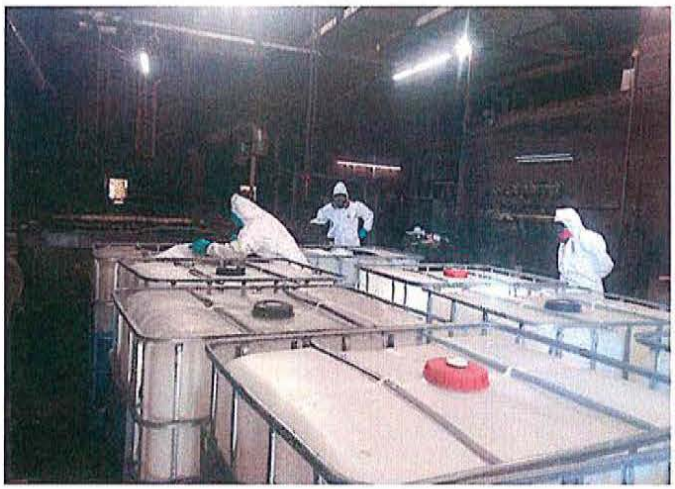


15. View of SWS personnel donning PPE for removal of chromic acid sludge.



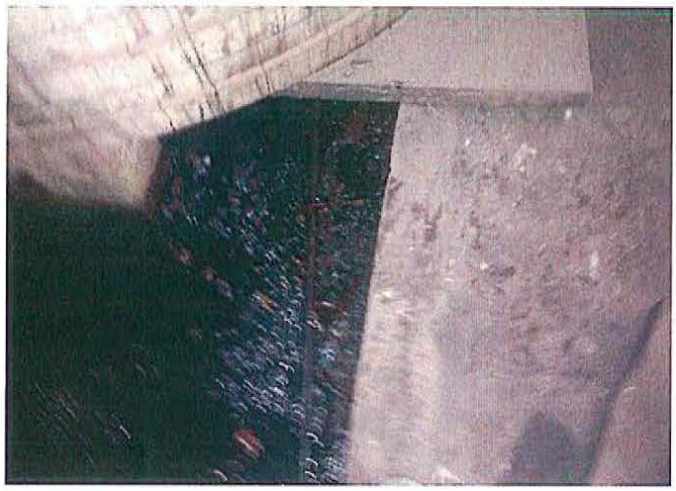
16. View of SWS personnel removing chromic acid waste from main sump.

17. View of totes and SWS personnel during chromic acid waste removal activities.

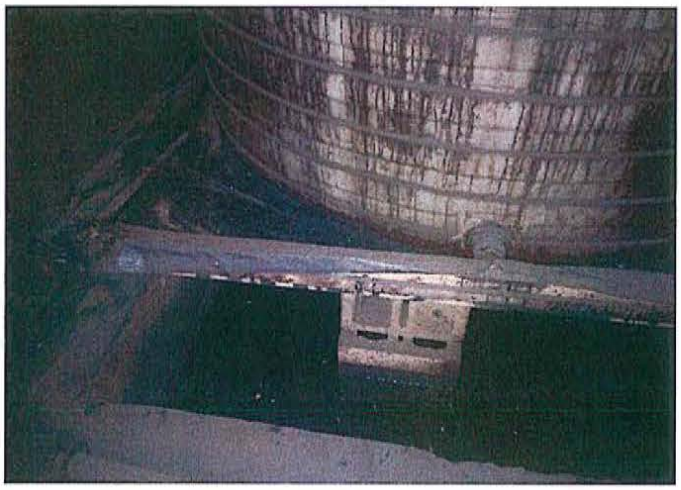


18. View of totes and SWS personnel during chromic acid waste removal activities.

19. View of partially filled tote during chromic acid waste removal from sumps.



20. View of chromic acid waste in area of sump beneath poly tanks.



21. View of poly tank and sump during chromic acid tank removal activities.

ATTACHMENT B
SITE SPECIFIC HEALTH AND SAFETY PLAN

SWS
Health and Safety/ Site Security Plan
Emergency Response for: Lane Plating Works Cleanup

Job Information	Date: 12/03/2015 Job Number: FW1-511-1482
Client:	TCEQ
Contact:	Anthony Buck
Phone/Pager Numbers:	(512) 563-3935
Location:	5322 Bonnie View Rd, Dallas, TX

Product Involved: Chromic Acid, Sodium Cyanide, Potassium Cyanide, Unknowns

Site Activities: Site cleanup, specifically pumping chromic acid into totes, over packing two (2) cyanide drums, and packing three (3) unknowns to prepare for sampling and disposal.

Anticipated Duration: 1 Day

SWS Chain of Command:

	Print	*Signature*
Project Manager:	Damon Waresback	
Supervisor:	Taboo Washington	
Safety Specialist:	Ashley Gill	
Decon Supervisor:	Taboo Washington	
	Slade Hinrichs	
(Use attachment	Joel King	
if necessary)		

All personnel have received the appropriate safety training in accordance with 29 CFR 1910.120 section Q and are currently under medical surveillance in accordance with 29 CFR 1910.120 section (f).

Tailgate Safety Meeting

By signing the above chain of command, I acknowledge that, I have been instructed in the information that will be covered in the Tailgate safety meeting with all personnel that will be involved with the site sampling activities. The Project Manager (Damon Waresback) will conduct the Tailgate Meeting and cover the topics outlined in this Health and Safety Plan and the work order/work plan. Ashley Gill will keep all Agency, HUB's, all outside Organization, and SWS apprised as to ongoing updates and changes to the Health and Safety plan when they come about.

Outside Organizations:

Name	Agency/Company	Phone Number	Pager Number

Site Security and Control
Site Security and control of the Exclusion Zone will be the responsibility of the SWS Onsite Foreman/Supervisor: Taboo Washington.

No unauthorized persons will be permitted within this area. All activities and arriving/departing personnel will coordinate with the site Supervisor. Initially the entire site will be considered the Exclusion Zone. Upon completion of air monitoring and chemical identification, a support zone and contamination reduction zone will be designated.

Decontamination
All materials leaving the exclusion zone will be thoroughly decontaminated using a Hudson sprayer for decontamination. An eye wash station will be set up at the outfall. The PPE will be collected and drummed for later disposal.

Personal Protective Equipment will consist of the following items:

Task: Site Cleanup

Protective Suit	Glove(s)	Respiratory Protection	Standard Equipment
Tychem SL	Nitrile Gloves	Full Face Respirator	
		w/ Organic-Acid	
		Cartridge/MultiGas	

Task: Decontamination

Protective Suit	Glove(s)	Respiratory Protection	Standard Equipment
	Nitrile Gloves		Eyewash Station
			Hudson Sprayer

The failure to use mandatory PPE will result in the immediate removal from job site and a write up in your employee file.

Monitoring Equipment to be used:
- 5-Gas Monitor

Emergency Alerting:
In addition to visual and verbal communication, air-horn signaling will be utilized as follows:

Air-horn Signaling	**Meaning**
One Long Blast	Break
Two Short Blasts	In Need of Supervisor
Multiple Short Blasts	Emergency Evacuation
Visual Signaling	**Meaning**
Hands on top of Head	Need assistance
Hands on Chest	Respiratory Problems
Hands Pointing to Side of Head	Return to Decon for Consultation
Thumbs Up	O.K., I'm all right, I understand
Thumbs Down	No, Negative

Site Safety Concerns: Check appropriate site specific concerns:

Weather concerns:

Temperature	Winds	Conditions
Cool	Light	Wet & Rainy

Acid Concerns: All employees must wear appropriate PPE while on the job site. Several concerns could be encountered when sampling acid or acid impacted media including acid splashing and inhalation hazards. Minimum requirements will be Level D. Acid sampling will require Level C which will include splash resistant coated Tyvek, respirator with acid cartridges, nitrile gloves and chemical boots.

Environmental Concerns: Several biological concerns are often encountered while in the field. Arachnid, insect, mammal and reptile injuries (bites and stings) can all become medical problems while in the field.

Medical Emergency: The following procedure is to be followed in the event of a medical Emergency. Employees will be provided medical attention at no personal cost.
Hospital: Baylor University Medical Center at Dallas
Hospital Address: 3500 Gaston Ave, Dallas, TX 75246

Immediately contact the Site Safety Specialist Ashley Gill about Injuries and Illnesses reported. Please have injured prepare a statement and the Supervisor will complete an Incident Analysis Report within 8 hours. These documents must be turned in the following day. **Report Near Miss Incidents** to Safety Specialist for analysis and correction.

Emergency Meeting Point: Identify an emergency meeting location and/or a facility emergency evacuation plan and meeting point prior to commencement.

Site Map: (please include wind direction, CRZ, exclusion zone, support zone, decon area, and significant landmarks (roads, mile markers, etc.)

2) General Work	- Chemical Exposures - Eye Injuries - Lacerations/Punctures - Fire	- Wear ANSI approved Safety Glasses, Face Shields, or Goggles. - Beware of jagged and damaged structures. Wear proper PPE. - Be aware of nearest fire extinguisher location. Practice good housekeeping procedures.
3) Chemical Cleanup - Acid - Cyanide - Unknowns	- Chemical Splash - Inhalation	- Wear appropriate Level C PPE which will include Tychem SL sealed seam CPC, full face APR with Multi-gas Cartridge, nitrile gloves and chemical boots. All seams will be taped with chemical tape. - Ensure decontamination station is setup prior to starting work - Beware of jagged and damaged structures.

SWS ENVIRONMENTAL SERVICES

JOB SAFETY ANALYSIS

Work Activity:	**Date:**	**Revision Date:**	**Job Number:**
Acid/Cyanide/Unknown Cleanup	12/02/2015		FW1-511-1482

PPE: ☒ Hard Hat ☒ Safety Shoes ☒ Chem Boots ☒ Traffic Vest ☒ Safety Glasses ☐ Hearing Protection ☐ Safety Goggles ☐ Face Shield

☒ Respiratory Protection (Full Face Respirator w/ MultiGas Cartridge) ☒ Chemical Protective Clothing (Tychem SL Suit) ☒ Gloves (Nitrile)

Basic Job Steps	Hazard Identification	Safe Work Practices
1) General Activities	- Slips, Trips and Falls	- Follow good housekeeping procedures. - Keep designated walkway clear of debris. - Maintain level pathways and use extreme caution on uneven ground. - Watch for suspended and slippery working surfaces. - Use proper lifting techniques. - Do not swing or throw items into containers.
	- Strains/Sprains	- Maintain level pathways and use extreme caution on uneven ground.
	- Eye Injuries	- Wear ANSI approved Safety Glasses. - Beware of jagged and damaged structures.
	- Lacerations/Punctures	- Wear proper PPE. - Follow plan and procedures for associated tasks. - Use correct tools for the associated tasks.
	- Heat/Dehydration/Sunburn	- Drink plenty of bottled water only. - Use sun protection lotions as necessary. - Wear appropriate sun protective PPE. - Take adequate number of breaks.
	- Weather	- Adhere to warning signals as indicated in the HASP - Observe changes in weather conditions. - Suspend work as applicable with serious weather conditions.
	- Arachnid, Insect, Mammal, and Reptile injuries (bites and stings)	- Maintain safe distance from known location of vermin. - Use appropriates deterrent sprays, lotions, or other, as applicable. - Acknowledge and adhere to warning signs (visual or auditory). - Use appropriate tools and measures to remove vermin from operating area. - Do not place hands or other parts of body into areas not previously investigated of Inhabitants.

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JOB SAFETY ANALYSIS

Work Activity:	Date:	Revision Date:	Job Number
Loading/Unloading Trailers	~~3/27/11~~	~~4/7/11~~	

PPE: ☐ Hard Hat ☒ Safety Shoes ☒ Traffic Vest ☒ Safety Glasses ☐ Hearing Protection ☐ Fall protection ☐ Safety Goggles ☐ Face Shield ☐ Respiratory Protection ☐ Chemical Protective Clothing ☒ Gloves ☐ PFD ☐ Nomex ☐ Thermal Protection ☒ Leather gloves ☐ Chaps

Basic Job Steps	Hazard Identification	Safe Work Practices
1) Chock wheels, secure trailer	- Pinch points - Muscle strains - Slips, trips , falls - Movement of trailer	- Wear work gloves and be aware of body position - Use proper lifting techniques - Only work on level trailers and ensure work area is clear of debris - Chock wheels
2) Inspect trailer	- Slip, trip, fall - Muscle strain	- Inspect trailer for structurally integrity, including checking ramps for clean/clear walking surface, ensure metal webbing on the ramp is not detached for the frame - Ensure employee inspecting the trailer are knowledgeable regarding trailers, tie downs, and securing loads
3) Loading/Unloading the trailer	- Slips, trips, falls - Muscle strains - Cargo control - Vehicle control - Removing and Replacing portable ramps	- Watch where you are walking and use good housekeeping practices - Use proper lift techniques - Properly secure cargo, all equipment must have 2 heavy duty racket straps, if porta-johns can be bolted to the trailer frame/floor it must be done - Place loads over the axels to ensure that the trailer is stable - Check loads often throughout the day - Removing and Replacing portable ramps is a 2 person lift, use proper lifting techniques and work gloves are required (A 1 person lift is permitted if that person has received proper training to perform that task and can do so safely)
4) Post trip inspections	- Pinch points - Muscle strains - Slips, trips , falls - Movement of trailer	- Wear work gloves and be aware of body position - Use proper lifting techniques - Only work on level trailers and ensure work area is clear of debris - Chock wheels - Inspect trailer for structurally integrity, including checking ramps for clean/clear walking surface, ensure metal webbing on the ramp is not detached for the frame

ATTACHMENT C
LAND DISPOSAL RESTRICTION (LDR) FORMS, WASTE PROJILES, WASTE MANIFESTS

PSC, LLC

Land Disposal Restriction Form

Generator: Lane Plating Company

U.S. EPA I.D. TXD007336571

Manifest #: 004159545WK

Profile #: 736899-00, 736901-00

CHECK THE APPROPRIATE BOX AND COMPLETE ALL REQUIRED SECTIONS AND TABLES.

☐ The wastes identified on this form do not currently meet the definition of a hazardous solid waste as set forth in 40 CFR Part 261 and is therefore not subject to 40 CFR Part 268 restrictions. Complete Section 4 on page 5.

☐ The wastes identified on this form are lab packs. Complete Section 3 and 4 on page 5 and attach inventory packing sheets for all drums identified.

☒ The wastes identified on this form are subject to the land disposal restrictions of 40 CFR Part 268. The wastes do not meet the treatment standards specified in Part 268, Subpart D or do not meet the applicable prohibition levels specified in 268.32. Pursuant to 40 CFR 268.7(a), Complete Sections 1, 2 and 4 and any required TABLES.

SECTION (1) Treatability Group (check the appropriate box): ☐ Wastewater ■ Non-wastewater
(Wastewaters contain less than 1% filterable solids and less than 1% Total Organic Carbon)

SECTION (2) EPA Waste Codes (check all boxes that apply):

☐ D001 Ignitable except for High TOC *(If this box is checked, TABLE 3 on pages 3,4, and 5 must be completed and attached* with *this shipment).*
☐ D001 High TOC Ignitable (greater than 10% total organic carbon)
☐ D002 Corrosive characteristic waste *(If this box is checked, TABLE 3 on pages 3,4, and 5 must be completed and attached* with *this shipment).*
☒ D003 Reactive Sulfides based on 261.23(a)(5)
☒ D003 Reactive Cyanides based on 261.23(a)(5)
☐ D003 Water Reactives based on 261.23(a)(2),(3) and (4) *(If this box is checked, TABLE 3 on pages 3,4, and 5 must be completed and attached* with *this shipment).*
☐ D003 Other Reactives based on 261.23(a)(1)

If D004 - D043 or F039 boxes are checked, TABLE 3 on pages 3,4, and 5 must be completed and attached with *this shipment.*

☐ D004 Arsenic	☐ D005 Barium	☐ D006 Cadmium
☐ D006 Cadmium-containing batteries		
☐ D007 Chromium	☐ D008 Lead	☐ D008 Lead acid batteries
☐ D009 High mercury inorganic (>260 mg/kg total), including incinerator residue and residues from RMERC		
☐ D009 High-mercury organic (>260 mg/kg total), not including incinerator residue		
☐ D009 Low-mercury (<260 mg/kg total)		☐ D009 All D009 wastewaters
☐ D010 Selenium	☐ D011 Silver	
☐ D012 Endrin	☐ D023 *o*-Cresol	☐ D034 Hexachloroethane
☐ D013 Lindane	☐ D024 *m*-Cresol	☐ D035 Methyl ethyl ketone
☐ D014 Methoxychlor	☐ D025 *p*-Cresol	☐ D036 Nitrobenzene
☐ D015 Toxaphene	☐ D026 Cresols (Total)	☐ D037 Pentachlorophenol
☐ D016 2,4-D	☐ D027 *p*-Dichlorobenzene	☐ D038 Pyridine
☐ D017 2,4,5-TP (Silvex)	☐ D028 1,2-Dichloroethane	☐ D039 Tetrachloroethylene
☐ D018 Benzene	☐ D029 1,1-Dichloroethylene	☐ D040 Trichloroethylene
☐ D019 Carbon tetrachloride	☐ D030 2,4-Dinitrotoluene	☐ D041 2,4,5-Trichlorophenol
☐ D020 Chlordane	☐ D031 Heptachlor	☐ D042 2,4,6-Trichlorophenol
☐ D021 Chlorobenzene	☐ D032 Hexachlorobenzene	☐ D043 Vinyl chloride
☐ D022 Chloroform	☐ D033 Hexachlorobutadiene	☐ F039 Multi-source leachate

PSC, LLC
Land Disposal Restriction Form

☐ F001-F005 spent solvents. *(If this box is checked TABLE 2 on page 2 must be completed and attached with this shipment.)*
☒ This shipment carries additional EPA waste codes that are not addressed above. *(If this box is checked TABLE 1 on page 2 must be completed and attached with this shipment.)*

TABLE 1: ADDITONAL EPA WASTE CODES

This table must be completed for all EPA waste codes that are not addressed on the preceeding page. List each all applicable waste codes and corresponding subcategories.

EPA Waste Code (one per line)	Subcategory (if applicable)	EPA Waste Code (one per line)	Subcategory (if applicable)
P106			
P098			

TABLE 2: SOLVENT WASTE TREATMENT STANDARDS

This table must be completed for all F001-F005 Spent Solvent waste. Each underlying hazardous constituent present in the waste at the point of generation and at a level above the UST constituents listed treatment standard must be checked and this page must accompany the shipment.

F001 Through F005 spent solvent constituents and their associated USEPA hazardous waste code(s)	Wastewater treatment standard	Non-Wastewater treatment standard	F001 through F005 spent solvent constituents and their associated USEPA hazardous waste code(s)	Wastewater treatment standard	Non-Wastewater treatment standard
☐ Acetone (F003)	0.28	160	☐ Methanol (F003)	5.6	0.75 TCLP
☐ Benzene (F005)	0.14	10	☐ Methylene Chloride (F001 F002)	0.089	30
☐ n-Butyl alcohol (F003)	5.6	2.6	☐ Methyl ethyl ketone (F005)	0.28	36
☐ Carbon disulfide (F005)	3.8	4.8 TCLP	☐ Methyl isobutyl ketone (F003)	0.14	33
☐ Carbon Tetrachloride (F001)	0.057	6.0	☐ Nitrobenzene (F004)	0.068	14
☐ Chlorobenzene (F002)	0.057	6.0	☐ 2-Nitropropane (F005)	WETOX or CHOXD, followed by CARBN or INCIN	INCIN
☐ O-Cresol (F004)	0.11	5.6	☐ Pyridine (F005)	0.014	16
☐ Cresols (m- and p- isomers) (F004)	0.77	5.6	☐ Tetrachloroethylene (F001, F002)	0.056	6.0
☐ Cyclohexanone (F003)	0.36	0.75 TCLP	☐ Toluene (F005)	0.08	10
☐ o-Dichlorobenzene (F002)	0.088	6.0	☐ 1,1,1 Trichloroethane (F001 F002)	0.054	6.0
☐ 2-Ethoxyethanol (F005)	INCIN or BIODG	INCIN	☐ 1,1,2 Trichloroethane (F002)	0.054	6.0
Ethyl acetate (F003)	0.34	33	☐ 1,1,2 Trichloro 1,2,2 trifluoroethane (F002)	0.057	30
☐ Ethyl benzene (F003)	0.057	10	☐ Trichloroethylene (F001, F002)	0.0.54	6.0

☐ Ethyl Ether (F003)	0.12	180	☐ Trichloromonofluoromethane (F002)	0.02	30
☐ Isobutanol (F005)	5.6	170	☐ Xylene (F003) sum of o-, p- and m-isomers)	0.32	30

All spent solvent treatment standards are measured through a total waste analysis (TCA) unless otherwise noted. Wastewater units are mg/L, non wastewater are mg/Kg.

TABLE 3: UNDERLYING HAZARDOUS CONSTITUENTS

This table must be completed for all F039, or D001(other than High TOC ignitable liquids), D002, D003 or D004-D043 waste which requires treatment to 268.40 Standards. Each underlying hazardous constituent present in the waste at the point of generation and at a level above the UST constituents listed treatment standard must be checked and this page must accompany the shipment.

Regulated Constituent (check all that apply)	UTS WW[1]	UTS NWW[1]	Regulated Constituent (check all that apply)	UTS WW[1]	UTS NWW[1]
☐A2213	0.042	1.4	☐bis-(2-Chloroisopropyl) ether	0.055	7.2
☐Acenaphthene	0.059	3.4	☐p-Chloro-m-cresol	0.018	14
☐Acenaphthylene	0.059	3.4	☐Chloromethane (Methyl chloride)	0.19	30
☐Acetone	0.28	160	☐2-Chloronaphthalene	0.055	5.6
☐Acetonitrile	5.6	38	☐2-Chlorophenol	0.044	5.7
☐Acetophenone	0.010	9.7	☐3-Chloropropylene	0.036	30
☐2-Acetylaminofluorene	0.059	140	☐Chrysene	0.059	3.4
☐Acrolein	0.29	N/A	☐o-Creseol	0.11	5.6
☐Acrylamide	19	23	☐Cresol (m-or p-isomers)	0.77	5.6
☐Acrylonitrile	0.24	84	☐m-Cumenyl methylcarbamate	0.056	1.4
☐Aldicarb sulfone	0.056	0.28	☐Cyclohexanone	0.36	0.75*
☐Aldrin	0.021	0.066	☐o,p'-DDD	0.023	0.087
☐4-Aminobiphenyl	0.13	N/A	☐p,p'-DDD	0.023	0.087
☐Aniline	0.81	14	☐o,p'-DDE	0.031	0.087
☐Anthracene	0.059	3.4	☐p,p'-DDE	0.031	0.087
☐Aramite	0.36	N/A	☐o,p'-DDT	0.0039	0.087
☐Barban	0.056	1.4	☐p,p'-DDT	0.0039	0.087
☐Bendiocarb	0.056	1.4	☐Dibenz (a,h) anthracene	0.055	8.2
☐Bendiocarb phenol	0.056	1.4	☐Dibenz (a,e) pyrene	0.061	N/A
☐Benomyl	0.056	1.4	☐1,2-Dibromo-3-chloropropane	0.11	15
☐Benz (a) anthracene	0.059	3.4	☐1,2-Dibromoethane (Ethylene dibromide)	0.028	15
☐Benzal Chloride	0.055	6	☐Dibromomethane	0.11	15
☐Benzene	0.14	10	☐m-Dichlorobenzene	0.036	6.0
☐Benzo (b) fluoranthene	0.11	6.8	☐o-Dichlorobenzene	0.088	6.0
☐Benzo (k) fluoranthene	0.11	6.8	☐p-Dichlorobenzene	0.09	6.0
☐Benzo (g,h,i) perylene	0.0055	1.8	☐Dichlorodifluoromethane	0.23	7.2
☐Benzo (a) pyrene	0.061	3.4	☐1,1-Dichloroethane	0.059	6.0
☐alpha-BHC	0.00014	0.066	☐1,2-Dichloroethane	0.21	6.0
☐beta-BHC	0.00014	0.066	☐1,1-Dichloroethylene	0.025	6.0
☐delta-BHC	0.023	0.066	☐trans-1,2-Dichloroethylene	0.054	30
☐gamma-BHC (Lindane)	0.0017	0.066	☐2,4-Dichlorophenol	0.044	14
☐Bromodichloromethane	0.35	15	☐2,6-Dichlorophenol	0.044	14
☐BromoMethane (Methyl Bromide)	0.11	15	☐2,4-Dichorophenoxyacetic acid (2,4,-D)	0.72	10
☐4-Bromophenyl phenyl ether	0.055	15	☐1,2-Dichloropropane	0.85	18
☐n-Butyl alcohol	5.6	2.6	☐cis-1,3-Dichloropropylene	0.036	18
☐Butyl benzyl phthalate	0.017	28	☐trans-1,3-Dichloropropylene	0.036	18
☐Butylate	0.042	1.4	☐Dieldrin	0.017	0.13
☐2-sec-Butyl 4,6 dinitrophenol (Dinoseb)	0.066	2.5	☐Diethyl phthalate	0.2	28
☐Carbaryl	0.006	0.14	☐Diethylene glycol,dicarbamate	0.056	1.4
☐Carbenzadim	0.056	1.4	☐p-Dimethylaminoazobenzene	0.13	N/A
☐Carbofuran	0.006	0.14	☐2,4-Dimethyl phenol	0.036	14
☐Carbofuran phenol	0.056	1.4	☐Dimethyl phthalate	0.047	28
☐Carbon disulfide	3.8	4.8*	☐Dimetilan	0.056	1.4
☐Carbon tetrachloride	0.057	6.0	☐Di-n-butyl phthalate	0.057	28
☐Carbosulfan	0.028	1.4	☐1,4-Dinitrobenzene	0.32	2.3
☐Chlordane (alpha & gamma)	0.0033	0.26	☐4,6 Dinitro-o-cresol	0.28	160
☐p-Chloroaniline	0.46	16	☐2,4-Dinitropheneol	0.12	160
☐Chlorobenzene	0.057	6.0	☐2,4-Dinitrotoluene	0.32	140
☐Chlorobenzilate	0.10	N/A	☐2,6-Dinitrotoluene	0.55	28
☐2-Chloro-1,3-butadiene	0.057	0.28	☐Di-n-octyl phthalate	0.017	28
☐Chlorodibromomethane	0.057	15	☐Di-n-propylnitrosamine	0.40	14

☐Chloroethane	0.27	6.0	☐1,4-Dioxane	12.0	170
☐bis-(2-Chloroethoxy) methane	0.036	7.2	☐Diphenylamine	0.92	13
☐bis-(2-Chloroethyl) ether	0.033	6.0	☐Diphenylnitrosamine	0.92	13
☐2-Chlorethyl vinyl ether	0.062	N/A	☐1,2-Diphenylhydrazine	0.087	N/A
☐Chloroform	0.046	6.0	☐Disulfoton	0.017	6.2

TABLE 3: UNDERLYING HAZARDOUS CONSTITUENTS (CONTINUED)

Regulated Constituent (check all that apply)	UTS WW[1]	UTS NWW[1]	Regulated Constituent (check all that apply)	UTS WW[1]	UTS NWW[1]
☐Dithiocarbamates (total)	0.028	28	☐N-Nitrosodimethylamine	0.4	2.3
☐Endosulfan I	0.023	0.066	☐N-Nitroso-di-n-butylamine	0.4	17
☐Endosulfan II	0.029	0.13	☐Nitrosomethylethylamine	0.4	2.3
☐Endosulfan sulfate	0.029	0.13	☐N-Nitrosomorpholine	0.4	2.3
☐Endrin	0.0028	0.13	☐N-Nitrosopiperidine	0.013	35
☐Endrin aldehyde	0.025	0.13	☐N-Nitrosopyrrolidine	0.013	35
☐EPTC	0.042	1.4	☐Oxamyl	0.056	0.28
Ethyl acetate	0.34	33	☐Parathion	0.014	4.6
☐Ethyl benzene	0.057	10	☐Total PCB's	0.10	10
☐Ethyl cyanide (Propanenitrile)	0.24	360	☐Pebulate	0.042	1.4
☐Ethyl ether	0.12	160	☐Pentachlorobenzene	0.055	10
☐Ethyl methacrylate	0.14	160	☐PeCDD's (All Pentachlorodibenzo-p-dioxins)	0.000063	0.001
☐Ethylene oxide	0.12	N/A	☐PeCDF's (All Pentchlorodibenzofurans)	0.000035	0.001
☐bis- (2-Ethylhexyl) phthalate	0.28	28	☐Pentachloroethane	0.055	6
☐Famphur	0.017	15	☐Pentachloronitrobenzene	0.055	4.8
☐Fluoranthene	0.068	3.4	☐Pentachlorophenol	0.089	7.4
☐Fluorene	0.059	3.4	☐Phenacetin	0.081	16
☐Formetanate hydrochloride	0.056	1.4	☐Phenanthrene	0.059	5.6
☐Formparanate	0.056	1.4	☐Phenol	0.039	6.2
☐Heptachlor	0.0012	0.066	☐o-Phenylenediamine	0.056	5.6
☐Heptachlor epoxide	0.016	0.066	☐Phorate	0.021	4.6
☐Hexachlorobenzene	0.055	10	☐Phthalic Acid	0.055	28
☐Hexachlorobutadiene	0.055	5.6	☐Phthalic anhydride	0.055	28
☐Hexachlorocyclopentadiene	0.057	2.4	☐Physostigmine	0.056	1.4
☐Hexachloroethane	0.055	30	☐Physostigmine salicylate	0.056	1.4
☐Hexachloropropylene	0.035	30	☐Promecarb	0.056	1.4
☐HxCDD's (All Hexachlorodibenzo-p-dioxins)	0.000063	0.001	☐Pronamide	0.093	1.5
☐HxCDF's (All Hexachlorodibenzofurans)	0.000063	0.001	☐Propham	0.056	1.4
☐Indeno (1,2,3-c,d) pyrene	0.0055	3.4	☐Propoxur	0.056	1.4
☐Iodomethane	0.19	65	☐Prosulfocarb	0.042	1.4
☐Isobutyl alcohol	5.6	170	☐Pyrene	0.067	8.2
☐Isodrin	0.021	0.066	☐Pyridine	0.014	16
☐Isolan	0.056	1.4	☐Safrole	0.081	22
☐Isosafrole	0.081	2.6	☐Silvex (2,4,5-TP)	0.72	7.9
☐Kepone	0.0011	0.13	☐1,2,4,5-Tetrachlorobenzene	0.055	14
☐Methacrylonitrite	0.24	84	☐TCDDs (All Tetrachlorodibenzo-p-dioxins)	0.000063	0.001
☐Methanol	5.6	0.75*	☐TCDFs (All Tetrachlordibenzofurans)	0.000063	0.001
☐Methapyrilene	0.081	1.5	☐1,1,1,2-Tetrachloroethane	0.057	6.0
☐Methiocarb	0.056	1.4	☐1,1,2,2-Tetrachloroethane	0.057	6.0
☐Methyomyl	0.028	0.14	☐Tetrachloroethylene	0.056	6.0
☐Methyoxychlor	0.25	0.18	☐2,3,4,6-Tetrachlorophenol	0.030	7.4
☐Methyl ethyl ketone	0.28	36	☐Thiodicarb @	0.019	1.4
☐Methyl isobutyl ketone	0.14	33	☐Thiophanate-methyl	0.056	1.4
☐Methyl methacrylate	0.14	160	☐Tirpate	0.056	0.28
☐Methyl methansulfonate	0.018	N/A	☐Toluene	0.080	10
☐Methyl parathion	0.014	4.6	☐Toxaphene	0.0095	2.6
☐3-Methylcholanthrene	0.0055	15	☐Triallate	0.042	1.4
☐4,4-Methylene bis (2-chloroaniline)	0.50	30	☐Tribromomethane (Bromoform)	0.63	15
☐Methylene chloride	0.089	30	☐1,2,4-Trichlorobenzene	0.055	19
☐Metolcarb	0.056	1.4	☐1,1,1-Trichloroethane	0.054	6.0
☐Mexacarbate	0.056	1.4	☐1,1,2-Trichloroethane	0.054	6.0
☐Molinate	0.042	1.4	☐Trichloroethylene	0.054	6.0
☐Napthalene	0.059	5.6	☐Trichloromonofluoromethane	0.020	30
☐2-Naphthylamine	0.52	N/A	☐2,4,5-Trichlorophenol	0.18	7.4
☐o-Nitroaniline	0.27	14	☐2,4,6-Trichlorophenol	0.035	7.4

☐p-Nitroaniline	0.028	28	☐2,4,5-Trichlorophenoxyacetic acid (2,4,5-T)	0.72	7.9
☐Nitrobenzene	0.068	14	☐1,2,3-Trichloropropane	0.85	30
☐5-Nitro-o-toluidine	0.32	28	☐1,1,2-Trichloro-1,2,2-trifluoroethane	0.057	30
☐o-Nitrophenol	0.028	13	☐Triethylamine	0.081	1.5
☐p-Nitrophenol	0.12	29	☐tris-(2,3-Dibromopropyl) phosphate	0.11	0.10
☐N-Nitrosodiethylamine	0.40	28	☐Vernolate	0.042	1.4

TABLE 3: UNDERLYING HAZARDOUS CONSTITUENTS (CONTINUED)

Regulated Constituent (check all that apply)	UTS WW[1]	UTS NWW[1]	Regulated Constituent (check all that apply)	UTS WW[1]	UTS NWW[1]
☐Vinyl chloride	0.27	6.0	☐Lead	0.69	0.75*
☐Xylene (s)	0.32	30	☐Mercury (Non-wastewater from Retort)	N/A	0.2*
☐Cyanides (Total)	1.2	590	☐Mercury (All others)	0.15	0.025*
☐Cyanides (Amenable)	0.86	30	☐Nickel	3.98	11*
☐Antimony	1.9	1.15*	☐Selenium	0.82	5.7*
☐Arsenic	1.4	5*	☐Silver	0.43	0.14*
☐Barium	1.2	21*	☐Thallium	1.4	0.20*
☐Beryllium	0.82	1.22*	☐Vanadium[2]	4.3	1.6*
☐Cadmium	0.69	0.11*	☐Zinc[2]	2.61	4.3*
☐Chromium (Total)	2.77	0.60*	☐Fluoride	35	N/A

Notes:
[1] Wastewater concentration in mg/l, Non-wastewater concentration in mg/kg measured through total waste analysis unless otherwise noted.
[2] These constituents are not "underlying hazardous constituents" in characteristic wastes, according to the definition at 268.2(i).
* These concentrations measured through TCLP analysis and are expressed in mg/l.

SECTION (4) CERTIFICATION:

"I hereby certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing, or through knowledge of the waste to support this certification. I certify that as an authorized representative of the generator named previously, all the information submitted in this certification and all attached pages is true and correct to the best of my knowledge. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Authorized Representative Signature _____

Print or Type Name Joe Lane

Date 12-10-2015

PSC, LLC

Land Disposal Restriction Form

Generator: Lone Plating Company

U.S. EPA I.D. TXD007336571

Manifest #: 012217454JJK

Profile #: 736899-00, 736901-00, 737377-00, 737376-00

CHECK THE APPROPRIATE BOX AND COMPLETE ALL REQUIRED SECTIONS AND TABLES.

☐ The wastes identified on this form do not currently meet the definition of a hazardous solid waste as set forth in 40 CFR Part 261 and is therefore not subject to 40 CFR Part 268 restrictions. Complete Section 4 on page 5.

☐ The wastes identified on this form are lab packs. Complete Section 3 and 4 on page 5 and attach inventory packing sheets for all drums identified.

☒ The wastes identified on this form are subject to the land disposal restrictions of 40 CFR Part 268. The wastes do not meet the treatment standards specified in Part 268, Subpart D or do not meet the applicable prohibition levels specified in 268.32. Pursuant to 40 CFR 268.7(a), Complete Sections 1, 2 and 4 and any required TABLES.

SECTION (1) Treatability Group (check the appropriate box): ☐ Wastewater ■ Non-wastewater
(Wastewaters contain less than 1% filterable solids and less than 1% Total Organic Carbon)

SECTION (2) EPA Waste Codes (check all boxes that apply):

☐ D001 Ignitable except for High TOC *(If this box is checked, TABLE 3 on pages 3,4, and 5 must be completed and attached* with *this shipment).*
☐ D001 High TOC Ignitable (greater than 10% total organic carbon)
☐ D002 Corrosive characteristic waste *(If this box is checked, TABLE 3 on pages 3,4, and 5 must be completed and attached* with *this shipment).*
☐ D003 Reactive Sulfides based on 261.23(a)(5)
☒ D003 Reactive Cyanides based on 261.23(a)(5)
☐ D003 Water Reactives based on 261.23(a)(2),(3) and (4) *(If this box is checked, TABLE 3 on pages 3,4, and 5 must be completed and attached* with *this shipment).*
☐ D003 Other Reactives based on 261.23(a)(1)

If D004 - D043 or F039 boxes are checked, TABLE 3 on pages 3,4, and 5 must be completed and attached with *this shipment.*

☐ D004 Arsenic	☐ D005 Barium	☐ D006 Cadmium
☐ D006 Cadmium-containing batteries		
☐ D007 Chromium	☐ D008 Lead	☐ D008 Lead acid batteries
☐ D009 High mercury inorganic (>260 mg/kg total), including incinerator residue and residues from RMERC		
☐ D009 High-mercury organic (>260 mg/kg total), not including incinerator residue		
☐ D009 Low-mercury (<260 mg/kg total)		☐ D009 All D009 wastewaters
☐ D010 Selenium	☒ D011 Silver	
☐ D012 Endrin	☐ D023 *o*-Cresol	☐ D034 Hexachloroethane
☐ D013 Lindane	☐ D024 *m*-Cresol	☐ D035 Methyl ethyl ketone
☐ D014 Methoxychlor	☐ D025 *p*-Cresol	☐ D036 Nitrobenzene
☐ D015 Toxaphene	☐ D026 Cresols (Total)	☐ D037 Pentachlorophenol
☐ D016 2,4-D	☐ D027 *p*-Dichlorobenzene	☐ D038 Pyridine
☐ D017 2,4,5-TP (Silvex)	☐ D028 1,2-Dichloroethane	☐ D039 Tetrachloroethylene
☐ D018 Benzene	☐ D029 1,1-Dichloroethylene	☐ D040 Trichloroethylene
☐ D019 Carbon tetrachloride	☐ D030 2,4-Dinitrotoluene	☐ D041 2,4,5-Trichlorophenol
☐ D020 Chlordane	☐ D031 Heptachlor	☐ D042 2,4,6-Trichlorophenol
☐ D021 Chlorobenzene	☐ D032 Hexachlorobenzene	☐ D043 Vinyl chloride
☐ D022 Chloroform	☐ D033 Hexachlorobutadiene	☐ F039 Multi-source leachate

PSC, LLC
Land Disposal Restriction Form

☐ F001-F005 spent solvents. *(If this box is checked TABLE 2 on page 2 must be completed and attached with this shipment.)*
☒ This shipment carries additional EPA waste codes that are not addressed above. *(If this box is checked TABLE 1 on page 2 must be completed and attached with this shipment.)*

TABLE 1: ADDITONAL EPA WASTE CODES

This table must be completed for all EPA waste codes that are not addressed on the preceeding page. List each all applicable waste codes and corresponding subcategories.

EPA Waste Code (one per line)	Subcategory (if applicable)	EPA Waste Code (one per line)	Subcategory (if applicable)
P106			
P098			
~~P204~~ P104			
~~P205~~ P029			

TABLE 2: SOLVENT WASTE TREATMENT STANDARDS

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☐ Acetone (F003)	0.28	160	☐ Methanol (F003)	5.6	0.75 TCLP
☐ Benzene (F005)	0.14	10	☐ Methylene Chloride (F001 F002)	0.089	30
☐ n-Butyl alcohol (F003)	5.6	2.6	☐ Methyl ethyl ketone (F005)	0.28	36
☐ Carbon disulfide (F005)	3.8	4.8 TCLP	☐ Methyl isobutyl ketone (F003)	0.14	33
☐ Carbon Tetrachloride (F001)	0.057	6.0	☐ Nitrobenzene (F004)	0.068	14
☐ Chlorobenzene (F002)	0.057	6.0	☐ 2-Nitropropane (F005)	WETOX or CHOXD, followed by CARBN or INCIN	INCIN
☐ O-Cresol (F004)	0.11	5.6	☐ Pyridine (F005)	0.014	16
☐ Cresols (m- and p- isomers) (F004)	0.77	5.6	☐ Tetrachloroethylene (F001, F002)	0.056	6.0
☐ Cyclohexanone (F003)	0.36	0.75 TCLP	☐ Toluene (F005)	0.08	10
☐ o-Dichlorobenzene (F002)	0.088	6.0	☐ 1,1,1 Trichloroethane (F001 F002)	0.054	6.0
☐ 2-Ethoxyethanol (F005)	INCIN or BIODG	INCIN	☐ 1,1,2 Trichloroethane (F002)	0.054	6.0
Ethyl acetate (F003)	0.34	33	☐ 1,1,2 Trichloro 1,2,2 trifluoroethane (F002)	0.057	30
☐ Ethyl benzene (F003)	0.057	10	☐ Trichloroethylene (F001, F002)	0.0.54	6.0

☐ Ethyl Ether (F003)	0.12	180	☐ Trichloromonofluoromethane (F002)	0.02	30
☐ Isobutanol (F005)	5.6	170	☐ Xylene (F003) sum of o-, p- and m-isomers)	0.32	30

All spent solvent treatment standards are measured through a total waste analysis (TCA) unless otherwise noted. Wastewater units are mg/L, non wastewater are mg/Kg.

TABLE 3: UNDERLYING HAZARDOUS CONSTITUENTS

This table must be completed for all F039, or D001(other than High TOC ignitable liquids), D002, D003 or D004-D043 waste which requires treatment to 268.40 Standards. Each underlying hazardous constituent present in the waste at the point of generation and at a level above the UST constituents listed treatment standard must be checked and this page must accompany the shipment.

Regulated Constituent (check all that apply)	UTS WW[1]	UTS NWW[1]	Regulated Constituent (check all that apply)	UTS WW[1]	UTS NWW[1]
☐A2213	0.042	1.4	☐bis-(2-Chloroisopropyl) ether	0.055	7.2
☐Acenaphthene	0.059	3.4	☐p-Chloro-m-cresol	0.018	14
☐Acenaphthylene	0.059	3.4	☐Chloromethane (Methyl chloride)	0.19	30
☐Acetone	0.28	160	☐2-Chloronaphthalene	0.055	5.6
☐Acetonitrile	5.6	38	☐2-Chlorophenol	0.044	5.7
☐Acetophenone	0.010	9.7	☐3-Chloropropylene	0.036	30
☐2-Acetylaminofluorene	0.059	140	☐Chrysene	0.059	3.4
☐Acrolein	0.29	N/A	☐o-Creseol	0.11	5.6
☐Acrylamide	19	23	☐Cresol (m-or p-isomers)	0.77	5.6
☐Acrylonitrile	0.24	84	☐m-Cumenyl methylcarbamate	0.056	1.4
☐Aldicarb sulfone	0.056	0.28	☐Cyclohexanone	0.36	0.75*
☐Aldrin	0.021	0.066	☐o,p'-DDD	0.023	0.087
☐4-Aminobiphenyl	0.13	N/A	☐p,p'-DDD	0.023	0.087
☐Aniline	0.81	14	☐o,p'-DDE	0.031	0.087
☐Anthracene	0.059	3.4	☐p,p'-DDE	0.031	0.087
☐Aramite	0.36	N/A	☐o,p'-DDT	0.0039	0.087
☐Barban	0.056	1.4	☐p,p'-DDT	0.0039	0.087
☐Bendiocarb	0.056	1.4	☐Dibenz (a,h) anthracene	0.055	8.2
☐Bendiocarb phenol	0.056	1.4	☐Dibenz (a,e) pyrene	0.061	N/A
☐Benomyl	0.056	1.4	☐1,2-Dibromo-3-chloropropane	0.11	15
☐Benz (a) anthracene	0.059	3.4	☐1,2-Dibromoethane (Ethylene dibromide)	0.028	15
☐Benzal Chloride	0.055	6	☐Dibromomethane	0.11	15
☐Benzene	0.14	10	☐m-Dichlorobenzene	0.036	6.0
☐Benzo (b) fluoranthene	0.11	6.8	☐o-Dichlorobenzene	0.088	6.0
☐Benzo (k) fluoranthene	0.11	6.8	☐p-Dichlorobenzene	0.09	6.0
☐Benzo (g,h,i) perylene	0.0055	1.8	☐Dichlorodifluoromethane	0.23	7.2
☐Benzo (a) pyrene	0.061	3.4	☐1,1-Dichloroethane	0.059	6.0
☐alpha-BHC	0.00014	0.066	☐1,2-Dichloroethane	0.21	6.0
☐beta-BHC	0.00014	0.066	☐1,1-Dichloroethylene	0.025	6.0
☐delta-BHC	0.023	0.066	☐trans-1,2-Dichloroethylene	0.054	30
☐gamma-BHC (Lindane)	0.0017	0.066	☐2,4-Dichlorophenol	0.044	14
☐Bromodichloromethane	0.35	15	☐2,6-Dichlorophenol	0.044	14
☐BromoMethane (Methyl Bromide)	0.11	15	☐2,4-Dichorophenoxyacetic acid (2,4,-D)	0.72	10
☐4-Bromophenyl phenyl ether	0.055	15	☐1,2-Dichloropropane	0.85	18
☐n-Butyl alcohol	5.6	2.6	☐cis-1,3-Dichloropropylene	0.036	18
☐Butyl benzyl phthalate	0.017	28	☐trans-1,3-Dichloropropylene	0.036	18
☐Butylate	0.042	1.4	☐Dieldrin	0.017	0.13
☐2-sec-Butyl 4,6 dinitrophenol (Dinoseb)	0.066	2.5	☐Diethyl phthalate	0.2	28
☐Carbaryl	0.006	0.14	☐Diethylene glycol,dicarbamate	0.056	1.4
☐Carbenzadim	0.056	1.4	☐p-Dimethylaminoazobenzene	0.13	N/A
☐Carbofuran	0.006	0.14	☐2,4-Dimethyl phenol	0.036	14
☐Carbofuran phenol	0.056	1.4	☐Dimethyl phthalate	0.047	28
☐Carbon disulfide	3.8	4.8*	☐Dimetilan	0.056	1.4
☐Carbon tetrachloride	0.057	6.0	☐Di-n-butyl phthalate	0.057	28
☐Carbosulfan	0.028	1.4	☐1,4-Dinitrobenzene	0.32	2.3
☐Chlordane (alpha & gamma)	0.0033	0.26	☐4,6 Dinitro-o-cresol	0.28	160
☐p-Chloroaniline	0.46	16	☐2,4-Dinitropheneol	0.12	160
☐Chlorobenzene	0.057	6.0	☐2,4-Dinitrotoluene	0.32	140
☐Chlorobenzilate	0.10	N/A	☐2,6-Dinitrotoluene	0.55	28
☐2-Chloro-1,3-butadiene	0.057	0.28	☐Di-n-octyl phthalate	0.017	28
☐Chlorodibromomethane	0.057	15	☐Di-n-propylnitrosamine	0.40	14

☐Chloroethane	0.27	6.0	☐1,4-Dioxane	12.0	170
☐bis-(2-Chloroethoxy) methane	0.036	7.2	☐Diphenylamine	0.92	13
☐bis-(2-Chloroethyl) ether	0.033	6.0	☐Diphenylnitrosamine	0.92	13
☐2-Chlorethyl vinyl ether	0.062	N/A	☐1,2-Diphenylhydrazine	0.087	N/A
☐Chloroform	0.046	6.0	☐Disulfoton	0.017	6.2

TABLE 3: UNDERLYING HAZARDOUS CONSTITUENTS (CONTINUED)

Regulated Constituent (check all that apply)	UTS WW[1]	UTS NWW[1]	Regulated Constituent (check all that apply)	UTS WW[1]	UTS NWW[1]
☐Dithiocarbamates (total)	0.028	28	☐N-Nitrosodimethylamine	0.4	2.3
☐Endosulfan I	0.023	0.066	☐N-Nitroso-di-n-butylamine	0.4	17
☐Endosulfan II	0.029	0.13	☐Nitrosomethylethylamine	0.4	2.3
☐Endosulfan sulfate	0.029	0.13	☐N-Nitrosomorpholine	0.4	2.3
☐Endrin	0.0028	0.13	☐N-Nitrosopiperidine	0.013	35
☐Endrin aldehyde	0.025	0.13	☐N-Nitrosopyrrolidine	0.013	35
☐EPTC	0.042	1.4	☐Oxamyl	0.056	0.28
Ethyl acetate	0.34	33	☐Parathion	0.014	4.6
☐Ethyl benzene	0.057	10	☐Total PCB's	0.10	10
☐Ethyl cyanide (Propanenitrile)	0.24	360	☐Pebulate	0.042	1.4
☐Ethyl ether	0.12	160	☐Pentachlorobenzene	0.055	10
☐Ethyl methacrylate	0.14	160	☐PeCDD's (All Pentachlorodibenzo-p-dioxins)	0.000063	0.001
☐Ethylene oxide	0.12	N/A	☐PeCDF's (All Pentchlorodibenzofurans)	0.000035	0.001
☐bis- (2-Ethylhexyl) phthalate	0.28	28	☐Pentachloroethane	0.055	6
☐Famphur	0.017	15	☐Pentachloronitrobenzene	0.055	4.8
☐Fluoranthene	0.068	3.4	☐Pentachlorophenol	0.089	7.4
☐Fluorene	0.059	3.4	☐Phenacetin	0.081	16
☐Formetanate hydrochloride	0.056	1.4	☐Phenanthrene	0.059	5.6
☐Formparanate	0.056	1.4	☐Phenol	0.039	6.2
☐Heptachlor	0.0012	0.066	☐o-Phenylenediamine	0.056	5.6
☐Heptachlor epoxide	0.016	0.066	☐Phorate	0.021	4.6
☐Hexachlorobenzene	0.055	10	☐Phthalic Acid	0.055	28
☐Hexachlorobutadiene	0.055	5.6	☐Phthalic anhydride	0.055	28
☐Hexachlorocyclopentadiene	0.057	2.4	☐Physostigmine	0.056	1.4
☐Hexachloroethane	0.055	30	☐Physostigmine salicylate	0.056	1.4
☐Hexachloropropylene	0.035	30	☐Promecarb	0.056	1.4
☐HxCDD's (All Hexachlorodibenzo-p-dioxins)	0.000063	0.001	☐Pronamide	0.093	1.5
☐HxCDF's (All Hexachlorodibenzofurans)	0.000063	0.001	☐Propham	0.056	1.4
☐Indeno (1,2,3-c,d) pyrene	0.0055	3.4	☐Propoxur	0.056	1.4
☐Iodomethane	0.19	65	☐Prosulfocarb	0.042	1.4
☐Isobutyl alcohol	5.6	170	☐Pyrene	0.067	8.2
☐Isodrin	0.021	0.066	☐Pyridine	0.014	16
☐Isolan	0.056	1.4	☐Safrole	0.081	22
☐Isosafrole	0.081	2.6	☐Silvex (2,4,5-TP)	0.72	7.9
☐Kepone	0.0011	0.13	☐1,2,4,5-Tetrachlorobenzene	0.055	14
☐Methacrylonitrile	0.24	84	☐TCDDs (All Tetrachlorodibenzo-p-dioxins)	0.000063	0.001
☐Methanol	5.6	0.75*	☐TCDFs (All Tetrachlordibenzofurans)	0.000063	0.001
☐Methapyrilene	0.081	1.5	☐1,1,1,2-Tetrachloroethane	0.057	6.0
☐Methiocarb	0.056	1.4	☐1,1,2,2-Tetrachloroethane	0.057	6.0
☐Methyomyl	0.028	0.14	☐Tetrachloroethylene	0.056	6.0
☐Methyoxychlor	0.25	0.18	☐2,3,4,6-Tetrachlorophenol	0.030	7.4
☐Methyl ethyl ketone	0.28	36	☐Thiodicarb @	0.019	1.4
☐Methyl isobutyl ketone	0.14	33	☐Thiophanate-methyl	0.056	1.4
☐Methyl methacrylate	0.14	160	☐Tirpate	0.056	0.28
☐Methyl methansulfonate	0.018	N/A	☐Toluene	0.080	10
☐Methyl parathion	0.014	4.6	☐Toxaphene	0.0095	2.6
☐3-Methylcholanthrene	0.0055	15	☐Triallate	0.042	1.4
☐4,4-Methylene bis (2-chloroaniline)	0.50	30	☐Tribromomethane (Bromoform)	0.63	15
☐Methylene chloride	0.089	30	☐1,2,4-Trichlorobenzene	0.055	19
☐Metolcarb	0.056	1.4	☐1,1,1-Trichloroethane	0.054	6.0
☐Mexacarbate	0.056	1.4	☐1,1,2-Trichloroethane	0.054	6.0
☐Molinate	0.042	1.4	☐Trichloroethylene	0.054	6.0
☐Napthalene	0.059	5.6	☐Trichloromonofluoromethane	0.020	30
☐2-Naphthylamine	0.52	N/A	☐2,4,5-Trichlorophenol	0.18	7.4
☐o-Nitroaniline	0.27	14	☐2,4,6-Trichlorophenol	0.035	7.4

☐p-Nitroaniline	0.028	28	☐2,4,5-Trichlorophenoxyacetic acid (2,4,5-T)	0.72	7.9
☐Nitrobenzene	0.068	14	☐1,2,3-Trichloropropane	0.85	30
☐5-Nitro-o-toluidine	0.32	28	☐1,1,2-Trichloro-1,2,2-trifluoroethane	0.057	30
☐o-Nitrophenol	0.028	13	☐Triethylamine	0.081	1.5
☐p-Nitrophenol	0.12	29	☐tris-(2,3-Dibromopropyl) phosphate	0.11	0.10
☐N-Nitrosodiethylamine	0.40	28	☐Vernolate	0.042	1.4

TABLE 3: UNDERLYING HAZARDOUS CONSTITUENTS (CONTINUED)

Regulated Constituent (check all that apply)	UTS WW[1]	UTS NWW[1]	Regulated Constituent (check all that apply)	UTS WW[1]	UTS NWW[1]
☐Vinyl chloride	0.27	6.0	☐Lead	0.69	0.75*
☐Xylene (s)	0.32	30	☐Mercury (Non-wastewater from Retort)	N/A	0.2*
☐Cyanides (Total)	1.2	590	☐Mercury (All others)	0.15	0.025*
☐Cyanides (Amenable)	0.86	30	☐Nickel	3.98	11*
☐Antimony	1.9	1.15*	☐Selenium	0.82	5.7*
☐Arsenic	1.4	5*	☐Silver	0.43	0.14*
☐Barium	1.2	21*	☐Thallium	1.4	0.20*
☐Beryllium	0.82	1.22*	☐Vanadium[2]	4.3	1.6*
☐Cadmium	0.69	0.11*	☐Zinc[2]	2.61	4.3*
☐Chromium (Total)	2.77	0.60*	☐Fluoride	35	N/A

Notes:
[1] Wastewater concentration in mg/l, Non-wastewater concentration in mg/kg measured through total waste analysis unless otherwise noted.
[2] These constituents are not "underlying hazardous constituents" in characteristic wastes, according to the definition at 268.2(i).
* These concentrations measured through TCLP analysis and are expressed in mg/l.

SECTION (4) CERTIFICATION:

"I hereby certify under penalty of law that I have personally examined and am familiar with the waste through analysis and testing, or through knowledge of the waste to support this certification. I certify that as an authorized representative of the generator named previously, all the information submitted in this certification and all attached pages is true and correct to the best of my knowledge. I am aware that there are significant penalties for submitting a false certification, including the possibility of fine or imprisonment.

Authorized Representative Signature _____

Print or Type Name Joe Lane

Date 12-10-2015

Printed: 02 DEC 2015

Generator's Waste Profile 736899-00

Status : PENDING

Starts : 02 DEC 2015
Expires: 01 DEC 2016

Sales Rep 7512 Deandra Shrum
Acct Mngr 5210 Brett Robinson

A: GENERATOR (531584) SITE INFORMATION

Lane Plating Company
5322 Bonnie View Road
DALLAS, TX 75241
> Contact Joe Lane
TSDF Approval List No

EPA TXD007336571
NAICS 332813 Neshap N
Phone (214) 535-4314

B: CUSTOMER (46708) INFORMATION

SWS ENVIRONMENTAL SERVICE, INC
PO Box 18619
PANAMA CITY BEACH, FL 32417

C: WASTE INFORMATION

On File > MSDS Yes Analysis No Sample No

Waste Name SODIUM CYANIDE
Process UNUSED VIRGIN PRODUCT FOR DISPOSAL
Unused Commercial Product No Spill Residue No

D: PHYSICAL CHARACTERISTICS OF WASTE

Phys States	S-Sol	Top Color	White	Odor	Mild	Almond-like	PH Range N/A
		Mid Color		Layers	Single Phased		Free Liq % 0
		Bot Color		Spec Grav	1.595		Flash Test MSDS
		% Ash	0	BTU/Lbs	800		Flash Rnge NO FLASH
		% Water	0	% Halogens	0		Viscosity High
							Pumpable No

E: CHEMICAL COMPOSITION OF WASTE

Sodium Cyanide (100 %)

PCB's 0 Cyanides 0 Phenolics 0 Sulfides 0 Dioxins 0
TOC 0 VOC 0 Information Provided By Generator

F: METALS METHOD Total

Arsenic	<5	Cadmium	<1	Chromium	<5	Silver <5	Zinc 0
Barium	<100	Merc TCLP	<0.2	Selenium	<1	Nickel 0	Copper 0
		Lead	<5	Merc Tot	<260	Thallium 0	Chrome-6

G: OTHER CHARACTERISTICS OF WASTE

Ign. Solid	No	Oxidizer	No	Explosive	No	Shock Sensitive	No	Cyanide Reactive	No	Sulfide Reactive	No
Explosive		Asbestos				Radioactive	No	Water Reactive	No	Reactive (Other)	No
Herbicides	0	Pesticides	0			Ammonia	0	Infectious	No	Medical	No

H: EPA / STATE WASTE IDENTIFICATION

EPA Waste Yes State Waste Yes TSCA No Waste Water No Universal Waste No

Form W319 Source G11 Origin SubPart CC No NESHAPS No CERCLA No Debris No Reg. Organics No

EPA Codes P106
State Codes CESQ319H 0001319H 0015319H
UHC

Categorical Discharge Standards No CTW Category N/A DW/EHW: DW

I: SHIPPING INFORMATION

Marine Pollutant No

Containers DM Metal Drum Qty to Ship Now 1 Projected Volume 1/Onetime

DOT Descrip UN1689 WASTE SODIUM CYANIDE 6 1 PGI RQ(P106) ERG(157)

J: SPECIAL DISPOSAL INSTRUCTIONS

Generator's Waste Profile 736899-00

Status : PENDING

Starts : 02 DEC 2015
Expires: 01 DEC 2016

Sales Rep 7512 Deandra Shrum
Acct Mngr 5210 Brett Robinson

GENERATOR CERTIFICATION

I hereby certify, as an authorized representative of the Generator named above, that Allworth, LLC has been fully informed of all information known about this waste, including but not limited to, the waste's generation process, composition, and physical characteristics, necessary to identify proper treatment and disposal of waste and this information is true and accurate.If this is an existing profile which is being renewed, I hereby certify that there have been no changes in this waste, chemical, physical, or regulatory designation since full characterization by sample testing.

Signature	Printed Name	Title	Date
	Joe Lane	RMS	12-10-2015

In accordance with 40 CFR 264.12(b), Allworth, LLC has the appropriate permits for, and will accept the waste the generator is shipping as described in this profile.

Generator's Waste Profile 736901-00

Status : PENDING

Starts : 02 DEC 2015
Expires: 01 DEC 2016

Sales Rep 7512 Deandra Shrum
Acct Mngr 5210 Brett Robinson

A: GENERATOR (531584) SITE INFORMATION

Lane Plating Company
5322 Bonnie View Road
DALLAS, TX 75241
> Contact Joe Lane
TSDF Approval List No

EPA TXD007336571
NAICS 332813 Neshap N
Phone (214) 535-4314

B: CUSTOMER (46708) INFORMATION

SWS ENVIRONMENTAL SERVICE, INC
PO Box 18619
PANAMA CITY BEACH, FL 32417

C: WASTE INFORMATION

On File > MSDS Yes Analysis No Sample No

Waste Name POTASSIUM CYANIDE
Process UNUSED VIRGIN PRODUCT
Unused Commercial Product No Spill Residue No

D: PHYSICAL CHARACTERISTICS OF WASTE

Phys States S-Sol
Top Color White
Mid Color
Bot Color
% Ash 0
% Water 0

Odor Mild Bitter almon
Layers Single Phased
Spec Grav 1.553
BTU/Lbs 500
% Halogens 0

PH Range N/A
Free Liq % 0
Flash Test MSDS
Flash Rnge NO FLASH
Viscosity High
Pumpable No

E: CHEMICAL COMPOSITION OF WASTE

Potassium Cyanide (100 %)

PCB's 0 Cyanides 0 Phenolics 0 Sulfides 0 Dioxins 0
TOC 0 VOC 0
Information Provided By Generator

F: METALS METHOD Total

Arsenic	<5	Cadmium	<1	Chromium	<5	Silver	<5	Zinc	0
Barium	<100	Merc TCLP	<0 2	Selenium	<1	Nickel	0	Copper	0
		Lead	<5	Merc Tot	<260	Thallium	0	Chrome-6	

G: OTHER CHARACTERISTICS OF WASTE

Ign. Solid	No	Oxidizer	No	Explosive	No	Shock Sensitive	No	Cyanide Reactive	Yes	Sulfide Reactive	No
Explosive		Asbestos				Radioactive	No	Water Reactive	No	Reactive (Other)	No
Herbicides	0	Pesticides	0			Ammonia	0	Infectious	No	Medical	No

H: EPA / STATE WASTE IDENTIFICATION

EPA Waste Yes State Waste Yes TSCA No Waste Water No Universal Waste No
Form W319 Source G11 Origin SubPart CC No NESHAPS No CERCLA No Debris No Reg. Organics No

EPA Codes P098
State Codes CESQ319H 0001319H 0016319H
UHC
Categorical Discharge Standards No CTW Category N/A DW/EHW: DW

I: SHIPPING INFORMATION

Marine Pollutant No

Containers DM Metal Drum Qty to Ship Now 1 Projected Volume 1/Onetime
DOT Descrip UN1680 WASTE POTASSIUM CYANIDE 6 1 PGI RQ(P098 = 10 LBS) ERG(157)

J: SPECIAL DISPOSAL INSTRUCTIONS

Generator's Waste Profile 736901-00

Status : PENDING

Starts : 02 DEC 2015
Expires: 01 DEC 2016

Sales Rep 7512 Deandra Shrum
Acct Mngr 5210 Brett Robinson

GENERATOR CERTIFICATION

I hereby certify, as an authorized representative of the Generator named above, that Allworth, LLC has been fully informed of all information known about this waste, including but not limited to, the waste's generation process, composition, and physical characteristics, necessary to identify proper treatment and disposal of waste and this information is true and accurate.If this is an existing profile which is being renewed, I hereby certify that there have been no changes in this waste, chemical, physical, or regulatory designation since full characterization by sample testing.

Signature	Printed Name	Title	Date
	Joe Lane	Pres.	12-10-2015

In accordance with 40 CFR 264.12(b), Allworth, LLC has the appropriate permits for, and will accept the waste the generator is shipping as described in this profile.

Printed: 04 DEC 2015

Generator's Waste Profile 737377-00

Status : PENDING

Starts : 04 DEC 2015
Expires: 03 DEC 2016

Sales Rep 7512 Deandra Shrum
Acct Mngr 5210 Brett Robinson

A: GENERATOR (531584) SITE INFORMATION

Lane Plating Company
5322 Bonnie View Road
DALLAS, TX 75241
> Contact Joe Lane
TSDF Approval List No

EPA TXD007336571
NAICS 332813 Neshap N
Phone (214) 535-4314

B: CUSTOMER (46708) INFORMATION

SWS ENVIRONMENTAL SERVICE, INC
PO Box 18619
PANAMA CITY BEACH, FL 32417

C: WASTE INFORMATION

On File > MSDS Yes Analysis No Sample No

Waste Name SILVER CYANIDE
Process UNUSED VIRGIN PRODUCT BEING DISCARDED
Unused Commercial Product Yes Spill Residue No

D: PHYSICAL CHARACTERISTICS OF WASTE

Phys States	S-Sol	Top Color	Grayish white	Odor	None	PH Range	N/A
		Mid Color		Layers	Single Phased	Free Liq %	0
		Bot Color		Spec Grav	3.95	Flash Test	NT
		% Ash	0	BTU/Lbs	500	Flash Rnge	NO FLASH
		% Water	0	% Halogens	0	Viscosity	High
						Pumpable	No

E: CHEMICAL COMPOSITION OF WASTE

silver cyanide - solid (100 %)

PCB's	0	Cyanides	5000	Phenolics	0	Sulfides	0
TOC	0	VOC	0				

Dioxins 0
Information Provided By Generator

F: METALS METHOD Total

Arsenic	<5	Cadmium	<1	Chromium	<5	Silver	600	Zinc	0
Barium	<100	Merc TCLP	<0.2	Selenium	<1	Nickel	0	Copper	0
		Lead	<5	Merc Tot	<260	Thallium	0	Chrome-6	

G: OTHER CHARACTERISTICS OF WASTE

Ign. Solid	No	Oxidizer	No	Explosive	No	Shock Sensitive	No	Cyanide Reactive	Yes	Sulfide Reactive	No
Explosive		Asbestos				Radioactive	No	Water Reactive	No	Reactive (Other)	No
Herbicides	0	Pesticides	0			Ammonia	0	Infectious	No	Medical	No

H: EPA / STATE WASTE IDENTIFICATION

EPA Waste Yes State Waste Yes TSCA No Waste Water No Universal Waste No

Form W319 Source G03 Origin SubPart CC No NESHAPS No CERCLA No Debris No Reg. Organics No

EPA Codes D011 P104
State Codes 0017319H 0017319H
UHC
Categorical Discharge Standards No CTW Category N/A DW/EHW: DW

I: SHIPPING INFORMATION

Marine Pollutant No

Containers DM Metal Drum Qty to Ship Now 1 Projected Volume 1/Onetime
DOT Descrip UN1684 WASTE SILVER CYANIDE 6.1 PGII RQ(D011 = 1 LBS) ERG(151)
Add Descrip "MARINE POLLUTANT"

J: SPECIAL DISPOSAL INSTRUCTIONS

Generator's Waste Profile 737377-00

Status : PENDING

Starts : 04 DEC 2015
Expires: 03 DEC 2016

Sales Rep 7512 Deandra Shrum
Acct Mngr 5210 Brett Robinson

GENERATOR CERTIFICATION

I hereby certify, as an authorized representative of the Generator named above, that CRS (Chemical Reclamation Services, LLC) has been fully informed of all information known about this waste, including but not limited to, the waste's generation process, composition, and physical characteristics, necessary to identify proper treatment and disposal of waste and this information is true and accurate.If this is an existing profile which is being renewed, I hereby certify that there have been no changes in this waste, chemical, physical, or regulatory designation since full characterization by sample testing.

Signature	Joe Lane	Pres	12-10-2015
	Printed Name	Title	Date

In accordance with 40 CFR 264 12(b), Chemical Reclamation Services, LLC has the appropriate permits for, and will accept the waste the generator is shipping as described in this profile.

Printed: 04 DEC 2015

Generator's Waste Profile 737376-00

Status : PENDING

Starts : 04 DEC 2015
Expires: 03 DEC 2016

Sales Rep 7512 Deandra Shrum
Acct Mngr 5210 Brett Robinson

A: GENERATOR (531584) SITE INFORMATION

Lane Plating Company
5322 Bonnie View Road
DALLAS, TX 75241
> Contact Joe Lane
TSDF Approval List No

EPA TXD007336571
NAICS 332813 Neshap N
Phone (214) 535-4314

B: CUSTOMER (46708) INFORMATION

SWS ENVIRONMENTAL SERVICE, INC
PO Box 18619
PANAMA CITY BEACH, FL 32417

C: WASTE INFORMATION

On File > MSDS Yes Analysis No Sample No

Waste Name COPPER CYANIDE - SOLID
Process UNUSED VIRGIN PRODUCT BEING DISCARDED
Unused Commercial Product Yes Spill Residue No

D: PHYSICAL CHARACTERISTICS OF WASTE

Phys States	S-Sol	Top Color	White	Odor	None	PH Range	N/A
		Mid Color		Layers	Single Phased	Free Liq %	0
		Bot Color		Spec Grav	3.0	Flash Test	NT
		% Ash	0	BTU/Lbs	500	Flash Rnge	NO FLASH
		% Water	0	% Halogens	0	Viscosity	High
						Pumpable	No

E: CHEMICAL COMPOSITION OF WASTE

Copper Cyanide - Solid (100 %)

PCB's	0	Cyanides	5000	Phenolics	0	Sulfides	0
TOC	0	VOC	0				

Dioxins 0
Information Provided By Generator

F: METALS METHOD Total

Arsenic	<5	Cadmium	<1	Chromium	<5	Silver	<5	Zinc	0
Barium	<100	Merc TCLP	<0.2	Selenium	<1	Nickel	0	Copper	2000
		Lead	<5	Merc Tot	<260	Thallium	0	Chrome-6	

G: OTHER CHARACTERISTICS OF WASTE

Ign. Solid	No	Oxidizer	No	Explosive	No	Shock Sensitive	No	Cyanide Reactive	Yes	Sulfide Reactive	No
Explosive		Asbestos				Radioactive	No	Water Reactive	No	Reactive (Other)	No
Herbicides	0	Pesticides	0			Ammonia	0	Infectious	No	Medical	No

H: EPA / STATE WASTE IDENTIFICATION

EPA Waste Yes State Waste Yes TSCA No Waste Water No Universal Waste No

Form W319 Source G03 Origin SubPart CC No NESHAPS No CERCLA No Debris No Reg. Organics No

EPA Codes P029
State Codes 0018319H
UHC
Categorical Discharge Standards No CTW Category N/A DW/EHW: DW

I: SHIPPING INFORMATION

Marine Pollutant No

Containers DM Metal Drum Qty to Ship Now 1 Projected Volume 1/Onetime
DOT Descrip UN1587 WASTE COPPER CYANIDE 6.1 PGII RQ(P029 = 10 LBS) ERG(151)
Add Descrip "MARINE POLLUTANT"

J: SPECIAL DISPOSAL INSTRUCTIONS

Generator's Waste Profile 737376-00

Status : PENDING

Starts : 04 DEC 2015
Expires: 03 DEC 2016

Sales Rep 7512 Deandra Shrum
Acct Mngr 5210 Brett Robinson

GENERATOR CERTIFICATION

I hereby certify, as an authorized representative of the Generator named above, that CRS (Chemical Reclamation Services, LLC) has been fully informed of all information known about this waste, including but not limited to, the waste's generation process, composition, and physical characteristics, necessary to identify proper treatment and disposal of waste and this information is true and accurate.If this is an existing profile which is being renewed, I hereby certify that there have been no changes in this waste, chemical, physical, or regulatory designation since full characterization by sample testing.

Signature	Printed Name	Title	Date
	Joe Lane	Pres	12-2-2015

In accordance with 40 CFR 264 12(b), Chemical Reclamation Services, LLC has the appropriate permits for, and will accept the waste the generator is shipping as described in this profile.

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: TX D007336571
2. Page 1 of: 1
3. Emergency Response Phone: 8008528828
4. Manifest Tracking Number: 004159545 JJK

GENERATOR

5. Generator's Name and Mailing Address: Lane Plating Company, 5322 Bonnie View Rd, Dallas TX 75241
Generator's Site Address (if different than mailing address)
Generator's Phone: 214-535-4314

6. Transporter 1 Company Name: SWS Environmental Services
U.S. EPA ID Number: FLD 000936831

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address: Chemical Reclamation Services, 405 Powell St, Avalon TX 76623
U.S. EPA ID Number: TXD046844700
Facility's Phone: 972-627-3224

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. UN1689 Waste Sodium Cyanide 6.1, PG I RQ (D106) ERG 157	1	DF	3	P	0915 319H D106	D003	
X	2. UN1680 Waste Potassium Cyanide 6.1 PG I [RQ (D098) ERG 157	1	DF	3	P	0916 319H D098	D003	
	3.							
	4.							

14. Special Handling Instructions and Additional Information
961) Profile 136899-00 1x5 DF
962) Profile 136901-00 1x5 DF

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Joe Lane
Signature:
Month Day Year: 12 10 15

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: IGNACIO GONZALEZ
Signature:
Month Day Year:
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year: 12 18 15

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. H141 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a
Printed/Typed Name: Cankun Knight
Signature:
Month Day Year: 12 18 15

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

22 (Rev. 3-05) Previous editions are obsolete.

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	TXD007336571	1	8008528878	012217154 JJK

GENERATOR

5. Generator's Name and Mailing Address: Lane Plating Company, 5322 Bonnieview Rd, Dallas TX 75241
Generator's Site Address (if different than mailing address):
Generator's Phone: 214-535-4314

6. Transporter 1 Company Name: SWS Environmental Services — U.S. EPA ID Number: FLD000936831

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Chemical Reclamation Services, 405 Powell St., Avalon TX 76623 — U.S. EPA ID Number: TXD046844700
Facility's Phone: 972-627-3224

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. UN1689 Waste Sodium Cyanide 6.1, PG I RQ(P106) ERG 157	1	DM	50	P	P106 0015 319H D003
X	2. UN1680 Waste Potassium Cyanide 6.1, PG I RQ(P098) ERG 157	1	DM	100	P	P098 0016 315H D003
X	3. UN1684 Waste Silver Cyanide 6.1, PG II RQ(P201) ERG 151	1	DF	3	P	~~P201~~ 0017 319H D003; D011 P104
X	4. UN1587 Waste Copper Cyanide 6.1, PG II (RQ P029) ERG 157	1	DF	3	P	~~P029~~ 0018 319H D003; P029

14. Special Handling Instructions and Additional Information
9b1) Profile 736899-00 1x55 DM
9b2) Profile 736901-00 1x55 DM
9b3) 1x55 DF/Profile # 737377-00
9b4) 1x55 DF/Profile # 737316-00

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Joe Lane — Signature: [signature] — Month/Day/Year: 12/10/15

INTL

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ignacio Gonzalez — Signature: [signature] — Month/Day/Year: 12/18/15
Transporter 2 Printed/Typed Name — Signature — Month/Day/Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month/Day/Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. H141 3. H141 4. H141

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Cathryn Knight — Signature: C. Knight — Month/Day/Year: 12/18/15

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)